

# The 50 MHz DX Bulletin

Volume 4, Issue 12

December 1993

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface or \$30 airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to 12450 Skyline Blvd., Woodside, CA 94062-4541 USA. If you can reach the Internet, my address there is [frank@marie.sri.com](mailto:frank@marie.sri.com) or [frank@crvax.sri.com](mailto:frank@crvax.sri.com); if you cannot, and have packet, try [K6FV@N0ARY.#NOCAL.CA.US.A.NA](mailto:K6FV@N0ARY.#NOCAL.CA.US.A.NA). The Bulletin may be freely quoted, provided that credit is given.

about 60' average height. The beacon now definitely radiates better towards Los Angeles and San Diego.

Everything else is the same, 25 Watts and the frequency appears to be a little low, 50.0277 MHz."

## Six Meters Opens to Antarctica Again!

VK3OT heard the VK0AQ 50.200 MHz beacon on December 2 between 0920-0930 during an auroral opening. When I talked with Steve later in the month, he indicated that Mark, VK5AVQ, the 50 MHz operator at Casey Base (66° 30' S, 110° 00' E) has now returned to VK. We do not know at this time when (or if) he will return or be replaced.

This should be an encouragement for others to set up similar operations at other locations on the Antarctic continent and surrounding islands like the South Shetlands, Orkney, Georgia, and Falklands.

Steve is the first (and only) ham to have worked seven continents on 50 MHz.

## Europeans heard on 50 MHz in Australia

Steve, VK3OT, comments that there has been an opening between Europe and Australia on Christmas Eve every year since 1988 (up to 1993, that is). Well, it wasn't far off, on December 7 at 0830 he copied a TV video signal on 49.7474 MHz from Moscow which peaked S9+40 dB at 0845 on a dipole antenna. At 0930 he got a QRZ from SP7E??/A after a CQ call. He also copied a video signal on 49.7512 from a station in JO93 in Poland.

The band was also open January 8 from 0800-1000 to a number of European TV stations as well as Moscow on 49.7474 MHz. --Tnx SM7AED

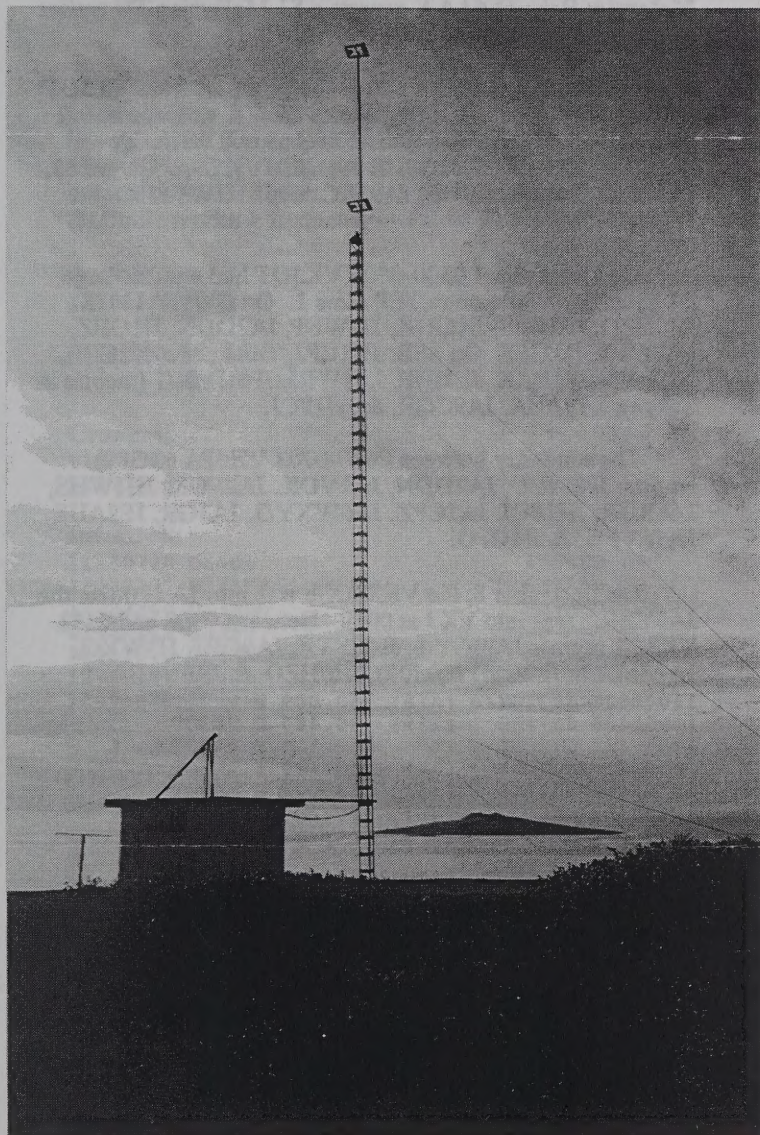
The December 1993 issue of VHF-UHF DXer also indicates a YU3 was heard December 8 at 0940, and that these were thought to be arriving by F2 backscatter mode of propagation.????

Whatever, VK2QF, VK3LK, and VK3OT will be trying to contact Europe daily at around 0900 using 50.110 and 50.107 MHz SSB and 50.105 or 50.100 MHz CW.

## Lively Es Season in Southern Hemisphere

VK3OT reports that the 50 MHz FO5DR beacon in Papeete was heard by VK4DO December 28 at 2230, and by VK3OT January 1 at 2230 and January 2 at 0400.

January 2 was a big day for 144 MHz Es. ZL4AAA reports a STL on 146.1 from Fiji 0014-0640, VK2DVZ and VK2ZAB on 144.1 0250-0330, a pager on 148.04 from VK4 0604-0612. VK3OT reports a QSO between VK5NC and ZL1IQ at 0415.



### XE2UZL at San Quintin, Baja California Mexico

Jack Henry, N6XQ, sent along this picture (which we cannot afford to print in color) of the upgraded XE2UZL beacon in DM10. The island off in the distance is likely Isla San Martin. He writes:

"The old antenna was a delta loop up about 20' that was oriented E-W. The weekend after thanksgiving, Peter, W9DHK, and I went to San Quintin and installed two stacked SLOOP at



## Nov., Dec. 1993 DX Reports

The following reports of 50 MHz DX heard and worked are primarily courtesy of G4UPS, SM7AED, 9H5EE, JA1VOK, JH1WHS, ZL4AAA and VK3OT. Other reports this month have come from P29CW, KD6GDL, WB8YFE, K6QXY-- perhaps more that I have forgotten. In the tabular listings, the year (1993) is understood, unless the month is 01 (in which case it's 1994) the day of the month precedes the time, and both are in UTC. A +to the right of the time indicates the observation was one of several in a time period and the observation time is probably later than stated. The call at the right is that of the observing station. Symbols V = Video Carrier, F = FM audio, B = beacon, C = CW, S = SSB.

### News of Africa

**Botswana:** 9H5EE writes that he first heard A22BW November 6 at 1420. He was not very strong, and the best he got with calls on CW and SSB was QRZ. His CQs on SSB were still well readable up to 1500.

**Namibia:** Jack, V51KC is in a new QTH located in JG88la. He previously was in JG77. He is running about 100 W into a 9-element yagi on a 20-foot boom. New QSL info is: Jack Anderson, P.O. Box 5, Okahandja, Namibia. --Tnx 9H5EE

Carlston, V50CO runs less ERP and still does not know his grid locator. He is supposed to write down his bearings on his QSL card to 9H5EE, who will work out his grid locator.

11061400 V50CO (-1540) 9H5EE  
11061350 V51KC JG88LA 9H5EE

**Somalia:** Emil, IK0OKY, is supposed to be in Somalia through March. He will be taking amateur radio gear with him and hopes to obtain a permit for the 6m band. He will probably operate as T5/IK0OKY, and requests QSLs via his home callsign: Emilio Cutolo, Via Battaglionni d'Assalto, 6, 00143 Rome, ITALY. Tnx G4UPS.

**South Africa:** Paul, ZS6PJS, is using an 11-element M-squared at present, but he is putting up a vertically stacked twin, which will be spaced 8.5mtrs, one 10m and one 19m above ground level. They will be provided with elevation control for EME purposes. By the end of this year, he hopes to be using "a 4-1000 single-valver to push out around 3 gallons" for him on 6m. This will be supplemented with a 25 dB gain low-noise preamplifier and his Icom IC-726. His Packet address is ZS6PJS@ZS0DLD.TVL.ZAF.AF and his QSL address is Paul Smit, P.O. Box 3041, Pietersburg 0700, Republic of South Africa. --Tnx 9H5EE.

ZS6AXT, passed along the news that Hal, ZS6WB, is currently QRT on 6m. This is because Hal's antennas are now down as he is moving to a new QTH. Both ZS6PJS and ZS6AXT were very strong signals, peaking up to 20 dB over most of the time, with occasional QSB dips, but never disappearing completely. No perceptible TEP flutter was noted on any of the African stations heard on November 6, and the ZS6 signals were still very strong when I had to QRT around 1640. --Tnx 9H5EE.

11061515 ZS6AXT 9H5EE  
11061500 ZS6PJS KG46RC 9H5EE

**Uganda:** The Uganda Posts and Telecommunications Corporation has advised the ITU and IARU Region 1 that a ban on amateur radio communications, imposed in the early 1970s has been lifted--Tnx W5YI Report. The 1994 Radio Amateur Callbook lists five 5Xs, only two with local addresses.

## News of Antarctica

### Australian Territory:

11191209 VK0AQ (55) 50.120 S VK3OT  
12020920 VK0AQ 33A 42A 50.2 B VK3OT AU

### News of Asia

**China:** China is now permitting operation by individuals using BA, BD and BG prefixes. Tnx W5YI report.

Bob Cooper, ZL4AAA, reports a Chinese TV carrier on 49.7497, S1 December 12 between 0638-0645 and more than ten carriers, some to S9+ at peak December 28 between 0712-0905.

**Malaysia:** Bob, ZL4AAA, reports a S1 Malaysian TV carrier on 48.240 December 29 from 0807-0810.

**Japan:** From SM7AED's Newssheet, a report from VK3OT (QF12) of a large JA opening across SE VK on December 2 0400-0530. JA2IGY/B 579, JA3JTG 59, JJ1WKX 59, JA1OLB, JJ1CLF 53, JL3SBE 59. JJ2UYK 57, JS2UWJ 53, JA9BHZ 59+, JA2JIO 55, JA9JXC 55, JS3UWJ 539, JR2HCB 559.

On December 4 0300-0500 VK3OT had another large JA opening via afternoon TEP class 1. On CW: JA1VOK, JH0HZO, JF3GPS, JA6RJK, J4WNP, JA2DDN, JJ1OBZ, JH1WHS, JG1IEF. On SSB: JH1CPJ, 7K1LZM, 7K2COL, JG3EYA, JE1RRK, JL1IHE, JA1WRI, JF6UMR/1 (mobile in Tokyo), JA9ABA, JA9CGR, & JH1PCJ.

The same day between 0640-0703 VK6PA (OG89) reports: JF3MYU, JA2DDN, JA1VOK, JA2POK, JH1WHS, JA6RUR, JH1PCJ, JA1CPZ, JA6WXY/3, JA3GR, JE2AUZ, JA3EVF/4, & JH4JPO.

On December 8, the VK3SIX/b was into JA at 0020, the JA6YBR/b was into VK3 at 0039. Between 0308 and 0432 VK3OT reports JA2IGY/b, JE2DWZ, JA0GPT, JJ3WXG, JA7ZMA/b, JL7CSD (QM09), JH0HZO, & JR0YEE/b.

11040326	JA2IGY/B	(419)	50.009	B	VK3OT
11050406	JH7ZMD	(319)	50.480	C	VK3OT
11050457	JE2DWZ	(53)	50.110	S	VK3OT
11060437	JJ1WKY	(55)	50.120	S	VK3OT
11060450	JA2IGY/B	(519)	50.009	B	VK3OT
11060517	JE3EJC	(53)	50.200	S	VK3OT
11060543	JK4JPO	(559)	50.110	C	VK3OT
11070100	JA				VK4APG
11070400	JR0YEE	(539)	50.033	C	VK3OT
11070403	JK1WK	(55)	50.120	S	VK3OT
11070410	JA2IGY/B	(519)	50.009	B	VK3OT
11070410	JA7ZMA	(529)	50.027	C	VK3OT
11070410	JR0YEE	(519)	50.033	C	VK3OT
11070422	JA5CJN/4	(59)	50.110	S	VK3OT
11070427	JA7ODY	(55)	50.175	S	VK3OT
11070429	JA5CMO	(55)	50.120	S	VK3OT
11070505	JH4JPO	(539)	50.111	C	VK3OT
11110300	JA6YBR	(519)	50.016	C	VK3OT
11110310	JG1LKO	(559)	50.110	C	VK3OT
11110317	JG2BRI	(559)	50.110	C	VK3OT
11110321	JR2KCB	(559)	50.110	C	VK3OT
11110330	JR2HCB	(55)			VK4APG
11110330	JR2IGY	(319)	50.009	B	VK3OT
11160630	JAPANESE SPEECH		50.112	S	OZ6OL
11271237	JA1BRM				P29CW
12030200	JA2IGY/B	319			B VK3OT
12030220	JE2DWZ	55			S VK3OT
12030240	JH0HZO	319			C VK3OT
12280732	JA6YBR/B	319			B ZL4AAA
12280746	JA3(JTG?)		50.110	S	ZL4AAA
12280813	JA6YBR/B	429			B ZL4AAA



**Kazakhstan:** According to JA1VOK (FIVE NINE, January 1994), Mike, UL7GCC, has lost his 6m license and is planning to immigrate to EX, Georgia. Kipp, WA6NUY, is now Mike's QSL manager for all QSOs.

#### Korea (South):

11110328 HL9UH (559) 50.110 C VK3OT

#### Philippines:

12040259+DX1HB/B JA  
12050500 DX1HB (-0735) JA

**Thailand:** The January 1 W5YI Report indicates that ham radio is booming in Thailand! Ten years ago there were only a handful of Thai amateurs. Now there are 60,000 (mostly VHF) licensees with another 100,000 now waiting for completion of the paperwork. Ed--The 1984 callbook lists only 397 HS stations, however.

## News of Europe

**IARU Region 1 (Europe, UK, Africa):** A recent conference has agreed on eight repeater channels for the 50 MHz band. They will have 20 kHz spaced inputs (51.210-51.350), with outputs 600 kHz higher. 50.550 MHz was designated a facsimile working frequency. --Tnx W5YI Report.

#### Austria:

11241157 OE8TPK SM7AED

#### Baleraric Islands:

1102 EH6 PA0HIP Es

#### Croatia:

11241131 9A3FT SM7AED  
11241212 9A3FT SM7AED

#### Denmark:

11160720 OZ6OL SM7AED  
12022235 OZ3AEV SM7AED AU  
12022240 OZ3SDL SM7AED AU  
12022249 OZ3ZW SM7AED AU  
12022303 OZ1MAX SM7AED AU  
12022341 OZ6OL SM7AED AU  
12081526 OZ4VV SM7AED AU

**England:** 9H5EE remarks that Melvin, G1SSL and Terry, G7EXO, worked November 6 on Es had heavy QSB and best signal peaks of S5. He also heard a French station briefly, but couldn't get his complete callsign. He says his take-off angle in this direction is not so good.

11031119 G3HBR SM7AED Es  
11041300 GB3LER/B (-2400) B SM7AED AU  
11051555 GB3LER/B B SM7AED AU  
11061200 G1SSL 9H5EE ES  
11061220 G7EXO 9H5EE ES  
12011630 GB3LER/B IP90 B SM7AED AU  
12022230 G0DJA IO93 SM7AED AU  
12081110 GB3LER/B B SM7AED AU  
12081500 GB3LER/B B SM7AED AU

#### Estonia:

11150905 ES0SIX/B 579 B G4UPS  
11181652 ES1CW OZ3ZW AU  
12081530 ES0SIX/B B SM7AED AU

#### Finland:

12011550 OH3MF KP12 SM7AED AU  
12011630 OH1SIX/B KP11 B SM7AED AU  
12091502 OH9SIX/B 599 KP36 B SM7AED AUE  
12091510 OH1SIX/B 599 KP11 B SM7AED AUE

#### France:

11061112 F5LHI 579 JN23VC C G4UPS  
12121645+F1RG (-1730) SM7AED ES  
12121645+F6DOK (-1730) SM7AED ES  
12122138 F1BHB 37 S SM7AED MS

#### Germany:

11181645 DL6NI OZ5IQ AU  
12031655 DJ5TK SM7AED TROP  
12111142 DJ9TK JO53 SM7AED TROP

#### Ireland:

12121645+EI3EBB (-1730) SM7AED ES

#### Italy:

1106 I7,I8,I0 PA0HIP  
11061044 IK0FTA 59 S G4UPS  
11061044+IV3GBO 57 S G4UPS  
11061100+I0 SM7AED  
11061102 IK1EGC 59 JN35SD S G4UPS  
11061118+I4RHP 59 S G4UPS  
11241225 I5MXX SM7AED

**Jan Mayen Island:** Per Einar Dahlen, LA7DFA, in a letter to SM7AED indicates he may be QRV at JX3DFA in April 1994.

#### Malta:

1106 9H PA0HIP

#### Netherlands:

12030002 PA0RDY SM7AED AU  
12071019 PA0OOS SM7AED TROP  
12140651 PB0ALN SM7AED MS

#### Norway:

11181709 LA9DM OZ3ZW AU

#### Portugal:

11061300 CT0WW/B 599 (-1330) B G4UPS

**Poland:** VK3OT reports (in SM7AED's Newssheet) a video carrier on 49.7512 from JO93 in Poland, December 7 at 0830 as well as a QRZ from SM7E??/A after a CQ call at 0930.  
12132058 SP4CHY SM7AED MS

**Russian Federation (European):** A Russian VHF-expedition with the callsign UA1C had announced activity on 144 MHz during the Geminids. Therefore it was no great surprise to hear a big signal from RU1A on 50 MHz on December 11-13. The operators were UZ3TXB, UW3TJ, UW3TES, UV1AS, UA1ALZ, and RW3AZ. QSL to ???  
Tnx SM7AED.

A couple reports from VK3OT, via SM7AED's News-sheet of VK3OT's reception of Moscow TV video carrier at 49.7474. The first being December 7 at 0830, peaking 0845 at S9+40 dB on a dipole antenna. He reports them still being in at 1020. The second report is December 8 from 0800-1000 when a number of European TV video carriers, including 49.7474 TV Moscow were in.

I called Steve Gregory, VK3OT, regarding his second reception of the VK0AQ beacon (on December 2 0920-0930), and asked him how he could be sure of the identity of the 49.7474 signal. He replied that a number of spectrum searches had been done a few years ago at the instigation of Bob Cooper (now ZL4AAA) using not only ITU listings but also R7000 receivers. They had been nailed not only down to the closest 100 Hz, but also their daily drift had been measured. The Moscow TV transmitter, he reported, runs 1 Megawatt. Your editor would love to get such listings--did Harry publish them?



11241024 RA3YO SM7AED  
 1211 RU1A (SM7AED1220) KO58 SM7AED  
 12122112 RU1A 59 S SM7AED MS  
 12131848 RU1A KO58 SM7AED MS

#### Scotland, U.K.:

12022348 GM7NVA SM7AED AU  
 12022358 GM4UPL SM7AED AU  
 12030004 GM1IKQ SM7AED AUE

#### Serbia:

1106 YU7 PAOHIP  
 11061100+YU1 SM7AED  
 11241054 YU7FU SM7AED

#### Sicily:

1106 PAOHIP

#### Slovenia:

11241134 S57MC SM7AED  
 11241143 S57AC SM7AED  
 11241145 S55ZRS/B B SM7AED

**Svalbard Island:** LA7DFA, in a letter to SM7AED, mentions that the HF operators at JW5E would put Svalbard on the 6 mtr map should someone donate a rig or transverter.

#### Spain:

1102 EH7 PAOHIP Es  
 11061118 EH3MD 59 S G4UPS  
 11061135 EH1DVY/P G4UPS  
 11061225 EH3IH 599 C G4UPS  
 12101200-EH3AQJ OZ

#### Sweden:

11010900 SM7AED 599 C G4UPS  
 11020909 SM3EQY 59(-0912) S G4UPS  
 11040859 SM7AED 559 C G4UPS  
 11051400 TV-Video 49.750 V SM7AED AU  
 11070843 SM7AED 559 C G4UPS  
 11090900 SM7AED 559 C G4UPS  
 11140900 SM7AED 559 C G4UPS  
 11150918 SM1LPU 59 JO97 S G4UPS  
 11150918+SM1MUU 59 (-0925) S G4UPS  
 11170600 EUROPEAN BEACONS LEONIDS SM7AED  
 11170956 SM7AED 599 C G4UPS  
 11180900 SM7AED 599 C G4UPS  
 11200901 SM7AED 559 C G4UPS  
 11201800 SM7AED SM7AED AU  
 11210858 SM7AED 559 C G4UPS  
 11220901 SM7AED 559 C G4UPS  
 11230901 SM7AED 559 C G4UPS  
 11240901 SM7AED 559 C G4UPS  
 11270900 SM7AED 559 C G4UPS  
 11301500 TV-Video WEAK 49.750 V SM7AED AU  
 12011619 SM3JGG JP81 SM7AED AU  
 12021345 TV-Video WEAK 49.750 V SM7AED AU  
 12021345+SM3JGG JP81 SM7AED AU  
 12081100 TV-Video 49.750 V SM7AED AU  
 12091400 TV-Video WEAK 49.750 V SM7AED AU  
 12091500 TV-Video STRONG 49.750 V SM7AED AUE

#### Wales, U.K.:

12121645+GW0GEI (-1730) SM7AED ES  
 12121645+GW3LDE (-1730) SM7AED ES

## News of North America

**Belize:** From the January 1 issue of W5YI Report: *Want to buy a first class DX location?* The Voice of America has announced that it will solicit offers for the purchase of its broadcasting facility in Belize, Central America! The station will go QRT no later than March 31, 1994. It is equipped with two 100 kW AM transmitters, two directional antenna arrays, an on-site diesel power plant, satellite links and control/monitoring equipment. Interested? Call the VOA at

202/619-2538.

**Canada:** Michael Smith, VE1MQ, writes "I now have the permanent callsign VE9AA and got the call VE9MS/B for my beacon on 50.073."

11202358 VE5LY DO70 WB8YFE  
 12160230 VE1,VE9 FN85,FN65 WB8YFE  
 12272245 VE1XDX WB8YFE  
 12272302 CH1YX (VE1YX) (-2350) WB8YFE

#### Mexico:

11220110 XE2UZL/B B K6QXY  
 11212317 XE2UZL/B (-2330) B K6QXY  
 12290400 XE2UZL/B 569 50.028 B K6FV & K6QXY

#### United States:

11202305 W0OSP EN17 WB8YFE  
 11202352 WB0LJC EN34 WB8YFE  
 11210023 WA1OJB/B FN54 B WB8YFE  
 11210025 W3BTX/4 EL98 WB8YFE  
 11210028 AA4H EM86 WB8YFE  
 11210036 KA4YMY EM95 WB8YFE  
 11210053 N8PUM EN66 WB8YFE  
 11210133 AA2DR FN30 WB8YFE  
 11210135 N2KYM FN30 WB8YFE  
 12040200 W6SKC/B B K6QXY  
 12040200+NM,LA,MS,OK,CO,AZ (-0800) K6QXY  
 12040200+W7US/B B K6QXY  
 12040200+WD7Z/B B K6QXY  
 12041448 W4RGB EM75 TN WB8YFE  
 12041454 KB5RKO EM30 WB8YFE  
 12042339 N5CTE EM12 WB8YFE  
 12042341 W3XO/5 EL09 WB8YFE  
 12042345 KB5OAI EM22 WB8YFE  
 12050200 KC4JO TN K6QXY  
 12050222 W4SVI EL95 WB8YFE  
 12112150 W STNS FN22,31,32 WB8YFE  
 12120100 W STNS EM95,73,FM06,14 WB8YFE  
 12171920 W5OZI EM00 S KD6GDL  
 12180247 K7RWT DM85 59 S KD6GDL  
 12180304 W7AM CN85 57 S KD6GDL  
 12180309 N7CNH CN84 S KD6GDL  
 12180316 WK7R CN85 KD6GDL  
 12200242 W0VX EM20 (-0430) KD6GDL  
 12200254 W05Y EM20 (-0430) KD6GDL  
 12200311 W5GG EM12 (-0430) KD6GDL  
 12210200+W STN CO & TX POOR KD6GDL  
 12251356 W1BDC FN43 WB8YFE  
 12277777 WB0BQM DN81 53 WB8YFE  
 12290400 W6SKC/7 B K6QXY

**Virgin Islands:** Jimmy, KP2/W6JKV reports Sporadic E openings to W4 on December 30, January 1, and January 2. He was heard by Shep, W7HAH, on January 2.

## News of Oceania

#### Australia, New South Wales (VK2):

11190930 VK2DEW (59) 50.140 S VK3OT  
 12040259+VK2RSY/b JA  
 12040330+VK2GLS,ZXC,ZZY,ANS,YLS JH1WHS  
 12080740 VK2QF (-0800) JA  
 12090230+VK2BA,KF,GLS,TPY (-0330) JA  
 12090300+VK2BA,XT,FLI,GLS,KF JH1WHS  
 12100600+VK2ABB, VK2GLS (-0815) JA  
 12192053 VK2 MUF to 105.7 (-2108) ZL4AAA Es  
 12200230 VK2 MUF to 105.7 ZL4AAA Es  
 12212205 VK2 MUF to 101.9 (-2210) ZL4AAA Es  
 12230000 VK2 MUF to 107.9 (-0058) ZL4AAA Es  
 12302346 VK2 MUF > 106.9 ZL4AAA Es  
 12310000 VK2 MUF > 100.0 (-0105) ZL4AAA Es  
 12312131 VK2 MUF > 106.0 (-2256) ZL4AAA Es  
 01020250 VK2DVZ,ZAB 59+ 144.100 ZL4AAA Es

#### Australia, Victoria (VK3):

11060200 VK3LH/4 (55) 50.125 S VK3OT  
 11070100 VK3,5,6 via Es VK4APG  
 11070400 VK3SIX JH1WHS



11070430	VK3SIX	50.110	JA5CMO
11080100	VK3,5	via Es	VK4APG
11090913	VK3BQS	53 QF31	50.115 S HL9UH
11110327	VK3OT	319	50.110 C HL9UH
12020400	VK3LK,OT,AMK,BRZ,DUT,JST,SIX		JA
12020900	VK3AUI	53A	VK3OT AU
12021000	VK3LK	5A	S VK3OT AU
12021030	VK3SIX	55A	B VK3OT AU
12030220	VK3OT	(-0300)	JA
12040259	VK3LK,OK,ANP,DET,DUT,SIX		JA
12040330	VK3DUT,DET,AMK,AZY,ANP,		
12040330	VKSIX		JH1WHS
12080020	VK3SIX/B		B JA
12080320	VK3OT,VK3SIX/B	(-0430)	JA
12090230	VK3LK,OT,SIX	(-0330)	JA
12090300	VK3OT,LK		JH1WHS
12090700	VK3OT	(-0815)	JA
12100600	VK3LK,BXG,DET,DUQ,DUT,KAY,		
12100600	VK3TMJ,YDE,YZP,SIX	(-0815)	JA3
12212223	VK3SIX/B		B ZL4AAA
12220656	VK3SIX/B	(-0929)	B ZL4AAA

#### Australia, Queensland (VK4):

10100832	VK4APW & VK4FP	50.150 S	HL9UH
10180315	VK4ZAL,WTN,APG,BRG		JH1WHS
10200420	VK4ZAA,GMH,PG,SIX		JH1WHS
11060138	VK4BRG/B	(519) 50.0765 B	VK3OT
11060145	VK4IAM	(59) 50.125 S	VK3OT
11060200	VK4ABP	(539) 52.345 C	VK3OT
11070200	VK4AR	50.110 C	VK3OT
11070200	VK4ABP/B	(559) 52.345 B	VK3OT
11070200	VK4RGG	(539) 50.053 C	VK3OT
11070400	VK4TL		JH1WHS
11070500	VK4SIX	(59) 50.110 S	VK3OT
11070740	VK4TL	50.110	JA5CMO
11081007	VK4RGG/B	(539) 50.053 B	VK3OT
11110100	VK4RGG/B		B VK3OT
11110220	VK4ABP	(539) 52.345 C	VK3OT
11140240	VK4PU	50.110 C	JA5CMO
11140241	VK4UTT	50.140	JA5CMO
11140242	VK4KHG	50.120	JA5CMO
11140251	VK4WTN	50.110	JA5CMO
11140258	VK4IAW	50.110	JA5CMO
11140315	VK4ZAL	50.130	JA5CMO
11140317	VK4KK	50.110	JA5CMO
11140320	VK4PG	50.130	JA5CMO
11140329	VK4ZDK	50.200	JA5CMO
11140406	VK4GWH	50.110	JA5CMO
11160742	VK4KK,AFL,ZAL,UTT,SIX		JH1WHS
12040205	VK4BRG,GM,IAM,APG,KU,		
12040205	VK4KDR,CEU	(-0345)	VK6PA
12040259	VK4RGG/b, VK4s	(-0810)	JA
12040330	VK4KU,GMH,APG		JH1WHS
12090230	VK4GMH,KGP,UCY	(-0330)	JA
12090300	VK4KGP,UCY,GMH		JH1WHS
12090700	VK4BUN	(-0815)	JA
12222238	VK4RGG/B	(-12230053) B	ZL4AAA
12230420	VK4RGG/B		B ZL4AAA
12242015	VK4RGG/B	(-2323) B	ZL4AAA
12250548	VK4 MUF to	92.5 (-0641) ZL4AAA	
12270752	VK4RGG/B	(-1031) B	ZL4AAA
12272031	VK4RGG/B	(-2317) B	ZL4AAA
12272032	VK4 MUF to	104.1 (-2150) ZL4AAA	
12290714	VK4RGG/B	(-0804) B	ZL4AAA
12300335	VK4RGG/B	(-0405) B	ZL4AAA
12301952	VK4RGG/B	(-2030) B	ZL4AAA
12312131	VK4 MUF >	106.0 (-2256) ZL4AAA	
12312200	VK4RGG/B	(-2357) B	ZL4AAA
01020604	Pager	(-0612) 148.040	ZL4AAA

#### Australia, South (VK5):

11070630	VK5RO	50.110	JA5CMO
11070653	VK5ZBK	50.130	JA5CMO
12020400	VK5NC		JA
12020945	VK5BC	53A	VK3OT AU
12040259	VK5NC, VK5RO		JA
12040330	VK5BS		JH1WHS

#### Australia, West (VK6):

10280836	VK6YU	(57) 50.110 S	HL9UH
10280840	VK6JJ	(55) 50.115 S	HL9UH

10280844	VK6KRC	(53) 50.115 S	HL9UH
11070200	VK6JJ		VK4KMG
11070200	VK6RO		VK4KK
11070200	VK6WD		VK4KMG
11070200	VK6YU		VK4ZAZ
11191030	VK6AS	(59) 50.120 S	VK3OT
12020850	VK6BE	59	VK3OT
12040259	VK6JJ,JQ,PA,YU,ZAK,ZFG		JA
12040330	VK6PA		JH1WHS
12040620	VK6RO, ZWZ, JJ, YU		VK6PA
12040745	VK6ZAK	(-0834)	VK6PA
12080850	VK6JJ, ZWZ, YU, RO,		VK3OT
12080850	VK6AS/VK6BE	(-0935)	VK3OT
12220728	VK6YU et al	(-0830)	ZL4AAA 3-hopEs

#### Australia, Tasmania (VK7):

11070200	VK7ZMF		VK4AR
11090905	VK7ZIF	58 QE37 50.110 S	HL9UH
12040259	VK7GUN		JA
12040330	VK7GUN		JH1WHS
12050530	VK7GUN	(-0600)	JA5
12080740	VK7AN, VK7ZMF	(-0800)	JA

#### Australia, North Territory (VK8):

12030300	VK8VF		B VK3OT
12030300	VK8ZMA		VK3OT
12030300	VK8RGG/B		B VK3OT
12040620	VK8ZLX	(-0636)	VK6PA
12040745	VK8VF/B	(-1200)	B VK6PA
12040745	VK8ZAB	(-0834)	VK6PA
12070905	VK8VF/B		B VK3OT BS (F2?)

**Caroline Is:** The Kenwood ARC DX-pedition (November 20-23) had no 6m propagation from KC6, even though they operated a beacon on 50.120 with a TS-60+100W and 4 el beam. Tnx JA1VOK.

#### French Oceania:

12282230	FO5DR		B VK4DO
01012230	FO5DR		B VK3OT
01020400	FO5DR		B VK3OT

#### Hawaiian Is:

11092230	KH6HI,KH6HME	(-2300)	B LU7DZ
12220430	KH6HME/B	(-1600) 144.	B K6QXY
12230430	KH6HME/B	(-2000) 432.	B K6QXY

**Indonesia:** YB0RX writes that he has an ICOM IC-726 and 6 el 6 mtr yagi, as well as 7BDXCC. Tjok Rorimpandey, P.O. Box 7265, Jakarta 12072, Indonesia.

#### Marshall Islands:

10260333	V77H, V73IO		JH1WHS
10290320	V77H		JH1WHS
11070100	V73		VK4APG

**New Caledonia:** Bob, ZL4AAA relays a report from FK8DH that he had VK4s on 146.675 Es December 30 at 0130.

12250021	FK8DH		ZL4AAA
12270700	FK8DH		ZL4AAA
12272212	FK8DH		ZL4AAA
12290239	FK8 Es MUF	105.7 (-0405)	ZL4AAA
12290240	FK8DH wkg	ZL1AKW 51.110	ZL4AAA
12300430	FK8DH		ZL4AAA

#### New Zealand:

11020350	ZL2KT	50.110	JA5CMO
11070100	ZL		VK4APG
11081000	ZL2AGI	(59) 50.160 S	VK3OT
11081000	ZL2KT	(59) 50.160 S	VK3OT
11081007	ZL3MHF	(539) 50.043 B	VK3OT
11081122	ZL3TIC	(59) 50.120 S	VK3OT
11130233	ZL2TPY		50.110 JA1VOK
11130239	ZL3ADT		50.110 JA1VOK
11130320	ZL3NE		50.110 JA5CMO
11130336	ZL1TJB		50.110 JA5CMO
11130340	ZL1AKW	51.110	JA5CMO



11192300 ZL TV 45.24,.25 V K6QXY  
 11192300 ZL-TV (-2400) 45.250/260 K6QXY  
 11202300 ZL TV 45.24,.25,.26 (-0000) K6QXY  
 11211000 ZL4TBN (53) S VK3OT  
 11211017 ZL3MHF/B B VK3OT  
 11212300 ZL TV 45.24,.25 V K6QXY  
 11212330 ZL-TV (-0045) 45.240/250 K6QXY  
 12090230+ZL2KT, ZL2TPY (-0330) JA  
 12090300+ZL2KT, ZL2TPY JH1WHS  
 12202107 ZL3MHF/B (-2311) B ZL4AAA  
 12202125 ZL2KT, ZL2AAA 270 DEG ZL4AAA Es BS  
 12220153 ZL3MHF/B B ZL4AAA  
 12240620 ZL4TBN wkg ZL2KT ZL4AAA  
 12240620 ZL3MHF/B (-0828) B ZL4AAA  
 12312131 ZL3s 290 DEG ZL4AAA Es BS  
 01020415 ZL1IQ 144 VK5NC Es

**Norfolk Is.:** ZL4AAA reports working VK9NS December 30 at 2325.

#### Papua/New Guinea: See Mail Bag

11070100 P29 B VK4APG  
 12050500 P29CW (-0735) JA  
 12270713 P29BPL/B 539 (-0847) B ZL4AAA 2-hop Es  
 12272339 P29BPL/B (-12280119) B ZL4AAA " "  
 12290709 P29BPL/B (-0712) B ZL4AAA " "  
 12290755 P29BPL/B (-0804) B ZL4AAA  
 12290818 P29CW 329 C ZL4AAA  
 12290841 P29CW 559 C ZL4AAA

## News of South America

#### Argentina:

11092230 KH6HI, KH6HME (-2300) B LU7DZ

#### Brazil:

1104 PY5CC TI2NA  
 11052230 PY5CC TI2NA

#### Ecuador:

11202200 UNKNOWN 50.083 B TI2NA  
 11202200 UNKNOWN ECUADOR?50.081 B TI2NA

#### French Guiana:

10241530 FY7TFH B TI2NA

#### Uruguay:

11202200 CX1AAA (-2350) TI2NA

## Beacon News

**Australia:** Eric Jamieson, VK5LP, reports in the December 1993 Australian AR magazine that VK7RSB would be going off-air and would be replaced by VK7RNW. In the same issue, VK6KRC reports a call sign change from VK6RPR to VK6RPH for the 50.066 MHz. Tnx G4UPS.

Repeating from the addendum to last month's bulletin, VK3OT reports the VK3SIX beacon (coordinates in EME News) on 50.0535 and 28.253.

**Yugoslavia:** 4N0SIX was due to be activated by now on 50.022 MHz in KN04fu near Belgrade with 1 watt and an omni-directional antenna. Other beacons in Serbia & Montenegro are 4N1SIX (50.0472) and YU1SIX (50.0873).

## DX-pedition News

**Bahamas:** KM1E/C6AGN should still be QRV from Green Turtle Cay, Abaco Is. until February 23.

**Libya:** The following is a translation by NT2X of a letter from Romeo, 3W3RR, which appeared in Chod Harris' DX column in November 1993 *CQ Magazine*. Although this

DXpedition apparently did not involve 6 meter operation, other Romeo-trips have.

"Originally, plans called for the use of six amateur radio operators for 5A. Due to the lack of funding we had to limit ourselves to three operators: Said, who currently holds the callsign 5A0RR, Danny, LZ2UU, and myself. During the operation, which lasted five days, we worked over 11,000 stations.

This DXpedition coincided with the International Arab Summit being held in Cairo. With mounting pressure from the worldwide ham community, we were focused on commencement of the operation and gave very little consideration to the Arab Summit. National security throughout the region was at a fever pitch.

The DXpedition was terminated when Danny and I were accused by Libyan counter-intelligence and Egyptian police of planning to assassinate both President Mubarak and Libyan leader Qadhafi. To make matters worse and even more bizarre, they said we were using ham radio as a cover for illegal drug trafficking by communicating with Turkish ships in the ports of Benghazi and Alexandria. Of course, these charges were absurd and insanely ridiculous. We were both arrested and placed in the Libyan prison system. We spent many weeks in prison and were held incommunicado. Our constant requests to speak with consular officials from Russia and Bulgaria were met with insults and abuse. This unpleasant experience, the details of which I will not go into at this time, has caused my health to deteriorate greatly and I am currently under doctor's care and receiving medical treatment. Fortunately, events unfolded resulting in our release, which was nothing short of miraculous. Perhaps, in time, this story will be told.

Said, 5A0RR, will continue to operate from Libya under this callsign, which is in effect for two years. We left him an FT-990, an FL-7000 amp, and a Mosley antenna. He is an outstanding CW operator, but might be limited in his SSB operating since we didn't have the opportunity to train him in this mode. Copies of the 5A0RR logs are Bulgaria. QSLs are being sent.

If my medical conditions permits, I hope to travel to the United States soon. At that time I will present the documentation for the 5A-Libyan operation to the American Radio Relay League. I also have in my possession the additional documentation requested by the ARRL for the P5 North Korean DXpedition... Romeo"

**Revilla Gigedo:** XF4CI put in a surprise 6m appearance from Socorro Island, working W5OZI on December 29 at 1404. He had worked them about an hour earlier on a lower frequency band and asked if they had any luck on 6. The operator at XF4CI said they had not worked anyone on 6 yet.

**Virgin Islands:** Jimmy KP2/W6JKV was on 50 MHz (not 144 MHz) from December 30 through January 2 primarily for EME testing. See EME News and North America DX.

## EME News

Can you work EME on 50 MHz with a single yagi and 800 W? Yes, if you take advantage of ground reflection gain, says James Treybig, W6JKV, who was able to hear his own echoes as well during his New Year's trip to the Virgin Islands.

The single yagi had 10 elements on a 48' boom and had



a clear shot 150' over the ocean. Although the yagi was pointed on the horizon, echoes were heard up to 20° elevation angle. On December 30, he worked K6MYC. He copied K6QXY on December 30 and 31, and worked him on January 1. He copied WA4NJP on January 2.

Repeating information from the addendum to last month's bulletin (which might become separated): VK3OT has a high power permit for 50 MHz EME good til May and for the hours 1300-1900 UTC. He can work up to 15° elevation with a Yagi array. QRG 50.0535 MHz. If you are interested, please plot your EME path to both the two sites listed below and advise him of common windows: VK3OT, QF12ag, Hamilton, Australia 37°43.08'S 142°01.06 E; VK3SIX, QF02, 37°40'32" S 141°50'52" E.

From SM7AED's Newssheet: "IK8MKK QRV for MB on 6M. I'm looking for EME 50 MHz skeds from grid square JN71dc starting from January 1 1994. Send proposals via IK8MKK@IW8DGA or IK8MKK@IK8VRH. Conditions are: antenna = 2.5λ yagi, 15 dBI, Rx = 1 dB NF, good power. IK8MKK, Visca Michele, V. le Liberta, 81 022 Casagiove (CE), ITALY.

From JA1VOK's FIVE NINE column: ZS6PJS, Paul, is planning to be active on EME with two 11 el M-squared yagis.

## Equipment News

From January 1994 West Coast VHFer: "Some of the New Toys Coming in 1994 1) Kenwood TS-60: 6 meter all mode, 100 watts, same size as TS-50 HF rig; 2) Icom 736: HF rig with 50 watts on 6 mtrs, 100 watts on HF; 3) Japan Radio Co: HF 10-80 meters with 150 watts on 6 m; 4) Azden: 6 meter all mode 100 watts.

## QRZ 28.885?

Michael Smith, VE9AA, also votes to keep 28.885 alive, saying "We can often pass info on backscatter, aurora, Es, or whatever."

## QSL Cards

I have reservations about making a big deal about this, but readers have been "agitating", so here's a "dump."

**GJ0JSY:** Does anyone have an idea about getting a QSL from GJ0JSY for January 6, 1992 QSO? He's my only unconfirmed European country. -- W9JUV

**CO2KK:** Please advise your readers I haven't heard from CO2KK since August; we do his QSL confirming over the air, so I will not be able to send back any cards on hand until I catch up with Arnie again. -- W9JUV

**HI8W, HI8DAF, & T30BY:** I have tried several times with no success on these 6m stations. Bill, KE7CX.

**T97M:** G4UPS passes along the following: On December 2, I received a QSL card from T97M for a QSO on June 12 via his manager DL8OBC. I understand the delay was due to having to have cards printed and a hold-up with the T97M logs. Edin, T97M (ex-YU4AX and 4N4AX) is located in Sarajevo, JN93. QSL via Felix J. Riess, DL8OBC, P.O. Box 12 53, D-3007 Gehrden 1, GERMANY.

**UC2AAA/EV9A:** Larry's XYL and daughter were in France for several weeks in November and picked up the QSL cards

from Serge, F6AML. They arrived back home in early December and Larry says he will start answering the QSL cards at once. He apologises for the delay in answering the QSL cards that were sent to F6AML -- G4UPS

**VE4ZK:** Does anyone have the QSL route for VE4ZK (his old call was VE4KMB)--not in 94 callbook. Ray, WB8YFE.

**V51KC:** I worked him in November of 1991. I sent him a green stamp & SAE, but no card. I hear that he does not QSL. It would be nice to get his QSL. Richard, KF5AL. Ed-see new QTH under Namibia.

## Mail Bag

**50 MHZ PROPAGATION REPORT FROM PETE LINDEN P29CW, UKARUMPA, QI23wq December 5 1993**

Beacons heard: JA7ZMA weak but Q5 at switch on 0420z, JA6YBR fade in at 0430z ZMA faded out at about 0600z, JA6YBR faded out at about 0700z. 48.250- nothing 49.750- S2 at 0420z switch on, up to S9 by 0500z, fade out at 0800z

In the log: JL7CSD was the first to answer my CQ's on 50.110 CW at 0441z. I worked 6 other JA stations after that, the last being JA9TLD at 0534z on 50.107 CW. I was able to hear the YBR beacon for another hour and a half after that, but couldn't raise any more stations! This is the first opening I've heard from here in over a month; I heard absolutely nothing during the month of November.... Maybe I wasn't listening at the right times. Did anyone hear our beacon during November?

It was really great to work some stations on the magic band again. Some very good signals from JA especially JA1VOK; very loud, a solid S9! A very good opening, hopefully there will be more to come. Please be sure to let me know if you're hearing our beacon (P29BPL on 50.019, 24 hours a day).

Regarding EME: Yes, it's true that I'm working toward getting set up for EME. I've had some of you EME guys contacting me by telephone and packet radio lately- Thanks! It's great to get encouragement, especially when you're a beginner and don't know much about what you're trying to do! HI HI I am trying to get set up to do some EME on 6 and on 2 meters, but I've got a lot of work ahead of me before that happens. I can't afford to buy equipment, so I have to build my own gear which I don't mind doing, but it all takes time; and there's antennas (lots of them, I guess!), too. In time though, I hope to work some of you. I have just been given an old homebrew linear amp with a 4-400A in it, which I hope to convert to 6 meters in the near future. This will put me within reach power-wise on 6 meters. I am very grateful to Peter, P29PC for this gift. Not sure about antennas for 6, yet. On two meters, the task will be harder as I don't have any gear at all! I hope to build a transverter, and follow it with an amplifier. I'll keep you posted as I piece things (literally! HI) together.

Fax Number: Some have asked me if I can be contacted by fax; yes, I have a fax machine right next door at the office. The fax number is: 77-4111 If you send me a fax, please write "To: Pete Linden, Radio Department" on the top of the page. If you do that, I should have it about 5 minutes after you send it (if I'm in my office, that is). But: I can't afford to respond back to you by fax; sorry! It costs us about \$10.00



per page to send one out, and Liz and I are volunteer workers here in New Guinea. We've lost hope long ago of ever being millionaires....HI HI If you include your postal and/or packet radio address, I'll reply back to you that way. Sorry 'bout that, it's the best I can do from here right now!

Keep listening, don't let the next opening catch you sleeping....

See you on the magic band!

7 December, 1993

Sporadic E season is here! Time to work the rust loose and turn the quad south.

Beacons heard: VK4RIK in Cairns at 1000z. Faded out at 1041z, back in at 1050z then out by 1130z. I heard meteor scatter "pings" on it right up to 1300z QRT. Signal strength S1 to S2 at best. 48.250- nothing 49.750- nothing

In the log: Just one contact, for all that opening....I worked John, VK4TL in Milanda, with very nice signals. He went into the log at 5/5. No other takers. This is the first time that I've ever heard the Cairns beacon (52.445); nice to have it back on the air. It is a real help to me during this time of year.

I had a report from a fellow who said that the VK6 boys were looking for me the other day, and I wasn't around....Sorry! I'd love to work you, but I can't sit in the shack all day- I gotta work, too! The comment was apparently made "well you might hear the beacon (meaning P29BPL), but you won't hear anyone else". C'mon guys, give us a break! All of us who are on 6 up here work for a living, and we do our best. I've said it before, and here it comes again...If you hear our beacon, tell me, so that I know when to be listening! I'm not clairvoyant, and I've only been on the band for a couple years; I'm no "expert". How can you tell me, you ask? By sending me some mail via packet radio! The address is at the end of this series of reports.

8 December, 1993

Beacons heard: VK4RIK first heard in the noise at 0720z. At 0724z it went from down in the noise to a solid S5 signal in about 5 seconds. Eventually it hit S9! VK4BRG/b also faded in, first heard at 0831z. Faded out at 1000z. VK4RIK faded out at 1030z. 48.250- nothing 49.750- nothing

In the log: VK5KL was the first to call me, at 0805z on 50.110 CW. It was a real thrill for me, I had never before heard VK5 from here. It was great to work a few of the boys down that way. VK4BRG was the last in the log, at 1011z on 50.110 SSB. Not many takers over that 2 hours, and those that were there were all VK4 and VK5. Some really nice Sporadic E propagation. Big signals, too; S9+ from VK4TL and VK4JH. Looks like it's going to be a great month on 50 Mhz!

9 December, 1993

Beacons heard: VK4RIK in Cairns at 0915z, S9 sigs. VK5VF logged at 0915z, S1 most of the time I listened. VK3SIX in the log at 0952z, up to S2 signals at times. VK2RSY way down in the noise, briefly copied at around 0930z (I think! HI HI) 48.250- nothing 49.750- nothing

In the log: 12 contacts in the log, and two new states for me! VK3LK was the first at 0955z on 50.110 SSB. VK3OT

was the last one that I worked, at 1116z on 50.110 CW. Signals were very faint both ways, but Q5. It was great to finally get a chance to work Steve after lots of HF skeds over the last couple of years! In all, I logged stations from VK2,3,4, and 5. I thought maybe we would get some VK6, but didn't hear anything from out that way, or VK8 either. Some of you that I worked have got some really first class signals; congratulations!

Again, I felt that there was very little activity considering the great conditions. Steve (VK3OT) pointed out correctly though, that it was a weeknight, around the evening meal hours, and the cricket matches are on TV at the moment.

10 December, 1993

Beacons heard: VK4RIK was in with good signals when I got home at 0800z. VK8VF also was in at S1 to S2 from 0800 to about 0845z when it faded out. VK3SIX was in for 10 minutes from 0820-0830z with very faint but Q5 signals. 48.250- nothing 49.750- S1 to S2 signals from the South! I guess this was probably backscatter but I'm not sure. I got a real surprise when I turned the quad around to the North and the signals dropped way down...

In the log: 4 stations were worked and logged from here; VK2GLS, VK3DET, VK2ATO, and VK2EEC, on 50.114 and 50.120 SSB. I got the feeling that by the time I got home and into the shack at 0800z, conditions may have already peaked and were going downhill. This is one of the perils of working late, I guess....

Beacons: Could someone in VK2, VK6, and VK7 please give me some current 50 Mhz. beacon info from their state? I'd like to have your beacon in my scanning memory, but I'm not interested in scanning beacons that are QRT.... HI can you help me? I've heard VK3, VK4's, VK5, VK8 well enough to know they're OK, but I'm not sure about VK2, and I've never heard VK6 or VK7 beacons from here. I've heard rumours of "deceased" VK beacons, so I'd appreciate some good info. Thanks!

Ed-Pete hadn't received our November bulletin with the VK beacon list yet. If you know of any corrections, please send a note to VK3OT, P29CW, and (of course) K6FV.

12 December, 1993

Beacons heard: VK4RIK very suddenly came in at 0445z, up to S9 sigs. VK8VF first heard at 0615z, with S1 signals. Both beacons faded out at about 0645z, then came back up at 0800z. They then faded out again at 0830z. 48.250- just there, not moving the meter though. 49.750- came up as the beacons were fading out, but not from the South this like yesterday; from the West! At the same time, I was hearing some Asian cordless phones around 50.107 (NBFM). This only lasted about a half an hour after which I saw the peak of signal strength on 49.750 swing around and come out of the North as usual. It then faded away, never was moving the meter at any stage. I don't know....sidescatter, anyone? By 0930z it was all over.

In the log: The VK4's had it all, today! VK4HT was first in at 0502, then VK4FNQ, VK4ABW, VK4JH, and VK3SIX in Mt. Isa (900 km. west of Cairns) was last in at 0526z. I wasn't able to raise anyone else after that, but had another hour or so with beacons in. At times the VK4RIK beacon sounded like it was down the street! HI

[ P29CW @ N0JN.EVIS.PHL.OC ]